

San Joaquin Valley Air Basin

County: Merced

OZONE (ppm)	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
Peak Indicator													0.124	0.122	0.121	0.124	0.127	0.130
National 1-Hour Design Value	0.070	0.130											0.120	0.120	0.120	0.120	0.125	0.125
National 8-Hour Design Value	0.048	0.108											0.098	0.103	0.096	0.098	0.107	0.102
Maximum 1-Hour Concentration	0.070	0.140											0.130	0.120	0.130	0.123	0.130	0.131
Maximum 8-Hour Concentration	0.055	0.119											0.111	0.108	0.110	0.107	0.115	0.116
Days Above State Standard	0	48											13	39	22	31	38	44
Days Above Nat. 1-Hour Standard	0	6											2	0	1	0	3	1
PM ₁₀ (µg/m ³)	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
Maximum 24-Hour Concentration										114	148	211	145	98	121	131	100	61
Maximum Annual Geometric Mean										45.0	44.7	42.7	41.1	33.5	34.5	32.3		
Days Above State 24-Hour Standard										26	19	25	28	24	19	10	16	4
Calc. Days Above Nat. 24-Hour Std.										0	0	6	0	0	0	0	0	
CARBON MONOXIDE (ppm)	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
Peak Indicator																		
Maximum 1-Hour Concentration	8.0	7.0												10.0	9.0			
Maximum 8-Hour Concentration	4.7	4.0												5.4	4.8			
Days Above State 8-Hour Standard	0	0												0	0			
Days Above Nat. 8-Hour Standard	0	0												0	0			
NITROGEN DIOXIDE (ppm)	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
Peak Indicator														0.075	0.080	0.080	0.079	0.076
Maximum 1-Hour Concentration	0.080	0.070												0.090	0.070	0.090	0.076	0.073
Maximum Annual Average														0.015	0.014	0.013	0.012	0.013
SULFUR DIOXIDE (ppm)	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
Peak Indicator																		
Maximum 1-Hour Concentration																		

No Monitoring Data Available

Table 5-88